

CERTIFIED MAIL:

EPA: P 447 526 754

MDNR: P 447 526 755

July 23, 1986

Ms. Bonnie Eleder - 5HE-12
Remedial Project Manager
CERCLA Enforcement Section
U. S. Environmental Protection Agency
230 S. Dearborn Street
Chicago, IL 60604

Director
Michigan Department of
Natural Resources
P. O. Box 30028
Lansing, MI 48909

To Whom It May Concern:

Subject: Consent Decree Action 80-73699

I have attached copy of the second 1986 Quarterly inspection
of the Riverview site.

If there are any questions, please advise.

Yours very truly,



C. W. Axce
General Manager - Wyandotte

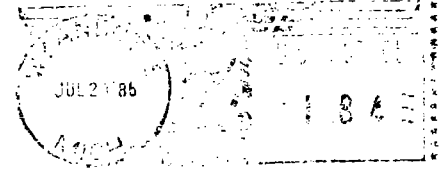
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BASF Corporation Chemicals Division

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BASF



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MAIL

ENVIRONMENTAL

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PREVENTIVE MAINTENANCE

BASF Corporation

Date Issued: 8/85

TITLE: Riverview Property

Date Revised: 11/85 - LTB

SSO NO.: 110005 CC No.: 3058

Folder No.: 1490

INSPECTION FREQUENCY: 3 Months

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INSPECTION DUE DATE: 6/30/86

EQ. CODE: 00-00

PROCEDURE

REPORT HERE - FINDINGS &
ITEMS REPAIRED OR REQUIRED

THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK OR DRIVE OVER A LARGE AREA. THE INSPECTOR SHOULD READ THIS PM COMPLETELY PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED EFFORT HAS TO OCCUR "GOING BACK".

I. Inspect entire fence.

A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

All O.K.

ENVIRONMENTAL

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PROCEDURE

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- B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING
KEEP OUT

MANAGED INDUSTRIAL WASTE DISPOSAL AREA

- II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.

- A. Look for any "bare" areas (spots or areas which do not have plant life growing).

- B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

- I.B. 1. Are signs spaced every 100 ft.? Yes X No

2. Make a list of missing, rusted, bent, illegible, etc., signs.

One sign had 2 broken fasteners which were repaired.

- II.A. List "bare" areas. Describe size and location of bare spot.

1) 30-50 Ft. of 3'-5' widths south of long trench at joints 4-7.
2) Approx. 200 sq. ft. near Main Gate. 3) Numerous 5-10 sq. ft. area over entire site. Spot repairs will be made after weed control work.

- II.B. List the "average" height of the vegetation.

Average height of weedy grasses between 4" & 12"; several varieties of tall weeds average between 18" & 48". Entire site has been sprayed to control weed growth. See Item IV.B.

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III. Inspect the shoreline for stability.

III. List any shoreline erosion, washing, other deterioration or accumulation of debris.

No shoreline erosion. An accumulation of debris has formed at the high water line - to be removed by 6-27-86.

IV. Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition of the surface.

IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.

Due to dense & high weed cover, thorough inspection could not be made--some puddles of water existed probably due to previous day's rain.

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.

IV.B. List deep-rooted vegetation.

Four or more varieties of deep-rooted vegt'n has spread over 70% of south half of site & 40% of north half. Entire site has been sprayed to control further spreading. Effectiveness of spray should be evident by next inspec'n. A second spray is planned in early Fall.

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V. Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.

V. Is the berm at least 6 inches above the level of the Firestone property at the property line?
Yes X No

Is there any evidence of water flowing from the Firestone property onto the site
Yes No X

VI. Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner.

VI.A. List any cracks in the concrete, leaking through the cracks, accumulated debris, standing water, etc.

No cracks in concrete - very little debris - trench approx. 2/3 full of water due to high river level.

A. Look at overall condition of the ditches.

B. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint.

Joint 1: O.K. and dry.

Joint 2: One-eighth of joint is covered with clear water.

General Note: A technical investigation of joint leaks & future repairs is being conducted.

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PROCEDURE

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VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is the joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 4: Approx. 1/3 of rubber chaulk from previous joint repair work is loose and covered with sand.

Joint 6: Previous joint repair chaulk is loose. Off-color water leaking in joint at bottom of trench.

Joint 8: Previous joint repair chaulk is loose. Clear water covering about 1/8 of joint.

Joint 10: Joint looks O.K. 1/4 of joint is covered with clear water.

VI.B. List condition of each joint

Joint 3: Repaired joint leaking at bottom of trench - small amount of clear water covering joint.

Joint 5: Previous joint repair chaulk is loose - approx. 1/3 of joint is covered with sand.

Joint 7: Previous joint repair chaulk is loose. Standing off-color water covers 1/8 of joint.

Joint 9: Previous joint repair chaulk is loose - 1/4 of joint is covered with off-colored water.

Joint 11: One-half of joint covered with off-colored water. Exposed joint looks good.

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VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint

Joint 12: Three-fourths of joint covered w/off-colored water. Approx. 12" section of previously repaired joint is weeping off-colored water.

Joint 13: Three-fourths of joint covered w/off-colored water. Approx. 6" section of previously repaired joint is weeping off-colored water.

Joint 14: Three-fourths of joint covered w/off-colored water. Approx. 6" section of previously repaired joint is weeping off-colored water.

Joint 15: Three-fourths of joint covered w/off-colored water. Exposed joint O.K.

Joint 16: Seven-eighths of joint covered w/off-colored water. Approx. 2" section of previously repaired joint is weeping clear water.

Joint 17: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 18: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 19: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 20: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

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VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each joint

Joint 21: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 22: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 23: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 24: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 25: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 26: Seven-eighths of joint covered w/off-colored water. Approx. 3 lin. ft. of previously repaired chaulk joint is loose.

Joint 27: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 28: Seven-eighths of joint covered w/off-colored water. Exposed joint O.K.

Joint 29: Entire joint under off-colored water and river water - off-colored nearer bottom, clear near top.

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VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

VI.B. List condition of each jointJoint 30: Entire joint under
6" of river water.

Joint A: Dry - O.K.

Joint B: Dry - O.K.

Joint C: Dry. Several weeds
in joint crevice. Weeds removed
were found to be growing in
surface mud.Joint D: One-third of joint
covered with river water.
Exposed joint O.K.

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PROCEDURE

Inspect each of the nine (9) monitoring wells for integrity.

VII. List any problems with the wells.

A	-	Locked	-	O.K.
B	-	"	-	"
C	-	"	-	"
D	-	"	-	"
E	-	"	-	"
F	-	"	-	"
G	-	"	-	"
H	-	"	-	"
I	-	"	-	"

Inspected by: D. J. Savage and W. ChavisDate Inspected: 6/20/86